

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1-31. (Canceled)

32. (Currently Amended) A method for migrating a file migration method according to claim 2839,

wherein in the second system, another file name, which is different from an original file name of the ~~migrated~~-file used in the first system, is used to identify the ~~migrated~~-file, and

wherein the another file name used in the second system is further left in the first system.

33. (Currently Amended) A method for migrating a file migration method according to claim 32,

wherein the information indicating the migration destination of the ~~migrated~~ file, the information relating to the one of the plurality of software programs, by which the one of the plurality of policies applied to the migrated file is prepared~~indicating~~

the application creating the file and setting the policy, and the another file name used in the second system are accessible by using the original file name.

34. (Currently Amended) A method for migrating a file migration method according to claim 33,

wherein after migrating the file, if the first file access controller receives a file access request including the original file name, the first file access controller sends the second file access controller another file access request including the another file name used for the ~~migrated~~-file in the second system.

35. (Currently Amended) A method for migrating a file migration method according to claim 2839,

wherein information indicating a size of the ~~migrated~~-file, access permission to the ~~migrated~~-file, and creation date of the migrated file are further left in the first system.

36. (Currently Amended) A method for migrating a file migration method according to claim 2839,

wherein the first file access controller and the second file access controller are configured to provide an access to a file according to NFSNetwork File System or CIFSCCommon Internet File System protocol.

37. (Currently Amended) A method for migrating a file migration method according to claim 2839,

wherein in the step of migrating, the file is read from the first file system, a write request to store the file in the second file system is transmitted to the second system, and the second file access controller writes the file according to the write request.

38. (Currently Amended) A method for migrating a file migration method according to claim 37, wherein the write request transmitted to the second system is according to NFS Network File System or CIFS Common Internet File System protocol.

39. (Currently Amended) A method for migrating a file between a first system and a second system,

wherein the first system includes a first file access controller, a first storage controller, and a plurality of first magnetic disk devices, and the first file access controller receives a file access request from a computer and controls to access a file according to the received file access request, and

wherein the second system includes a second file access controller, a second storage controller, and a plurality of second magnetic disk devices, and the second

file access controller receives a file access request and controls to access a file according to the received file access request,

the method comprising steps of:

at the first system, receiving an open request from the computer for storing a file in the first system, the open request including information of a policy, which is set by an application creating the file;

storing the file in the first system;

determining policies, which are used for migrating a file, by a plurality of software programs;

migrating ~~the~~ file from the first system to the second system by applying one of the policies according to the policy; and

leaving information indicating a migration destination of the migrated file and information indicating which one of the plurality of software programs determines the one of the policies applied to the migrated file, the application creating the file and setting the policy in the first system.

40. (Currently Amended) A method for migrating a file according to claim 39,

wherein in the plurality of first magnetic disk devices, a first logical unit is configured,

wherein in the step of migrating, data of the file is migrated from the first logical unit to the second system, and

wherein in the step of leaving, the information indicating the migration destination of the migrated file and the information indicating which one of the plurality of software programs determines the one the policies applied to the migrated file the application creating the file and setting the policy are left in the first logical unit, from which data of the file is migrated to the second system.

41. (Currently Amended) A system for storing a file comprising:

a first system including a first file access controller and a first storage system, wherein the first storage system has a plurality of first magnetic disk devices and a first storage controller coupled to the plurality of first magnetic disk devices, and the first file access controller manages a first file system configured in the first system, receives a file access request, and controls to access a file according to the file access request, and

a second system including a second file access controller and a second storage system, wherein the second storage system has a plurality of second magnetic disk devices and a second storage controller coupled to the plurality of second magnetic disk devices, and the second file access controller manages a second file system configured in the second system, receives a file access request, and controls to access a file according to the file access request,

wherein the first file access controller receives an open request for storing a file in the first system from a computer, the open request including information of a

policy set for the file by an application creating the file, stores the file in the first storage system, and manages the information of the policy set for the file,

wherein when the file stored in the first system satisfies a condition of one of a plurality of policies, which are prepared by a plurality of software programs, the policy, the file is migrated from the first system to the second system, and

wherein information indicating a migration destination of the migrated file and information relating to one of the plurality of software programs, by which the one of the plurality of policies applied to the migrated file is prepared, indicating the application creating the file and setting the policy remain stored in the first system.

42-43. (Canceled)

44. (Currently Amended) A system for storing a file according to claim 4341,

wherein under the control of the first storage controller, a first logical unit is configured in the plurality of first magnetic disk devices,

wherein under the control of the second storage controller, a second logical unit is configured in the plurality of second magnetic disk devices,

wherein data of the file is migrated from the first logical unit to the second logical unit, and

wherein the first storage system stores the information indicating the migration destination of the migrated file and the information indicating the one of the plurality

~~of software programs, by which the one of the plurality of policies applied to the migrated file is prepared, application creating the file and setting the policy in the first logical unit, from which the data of the file is migrated to the second logical unit.~~

45. (Currently Amended) A system for storing a file according to claim 41,
wherein in the second system, another file name, which is different from an original file name of the ~~migrated~~ file used in the first system, is used to identify the ~~migrated~~ file, and
wherein the another file name remains stored in the first system.

46. (Currently Amended) A system for storing a file according to claim 45,
wherein the information indicating the migration destination of the ~~migrated~~ file, the information ~~relating to the one of the plurality of software programs, by which the one of the plurality of policies applied to the migrated file is prepared, and indicating the application creating the file and setting the policy and the another file~~ name are accessible by using the original file name.

47. (Currently Amended) A system for storing a file according to claim 46,
wherein after a migration of the file, when the first file access controller receives a file access request including the original file name of the ~~migrated~~ file, the

first file access controller sends another file access request including the another file name of the ~~migrated~~-file to the second system.

48. (Currently Amended) A system for storing a file according to claim 41,
wherein information indicating a size of the ~~migrated~~-file, access permission to
the ~~migrated~~-file, and creation date of the ~~migrated~~-file further remain stored in the
first system.

49. (Currently Amended) A system for storing a file according to claim 41,
wherein the first file access controller and the second file access controller are
configured to provide an access to a file according to ~~NFS~~Network File System or
~~CIFS~~Common Internet File System protocol.

50. (Previously Presented) A system for storing a file according to claim 41,
wherein when the file is migrated from the first system to the second system,
the first file access controller reads the file from the first file system, and transmits a
write request to the second system to store the file in the second file system, and the
second file access controller writes the file according to the received write request.

51. (Currently Amended) A system for storing a file according to claim 50,

Appl. No. 10/775,886
Amendment dated October 20, 2006
Reply to Office Action of August 10, 2006

H-1210

wherein the write request transmitted from the first file access controller to the second system is according to Network File System or Common Internet File System protocol.

52-53. (Canceled)